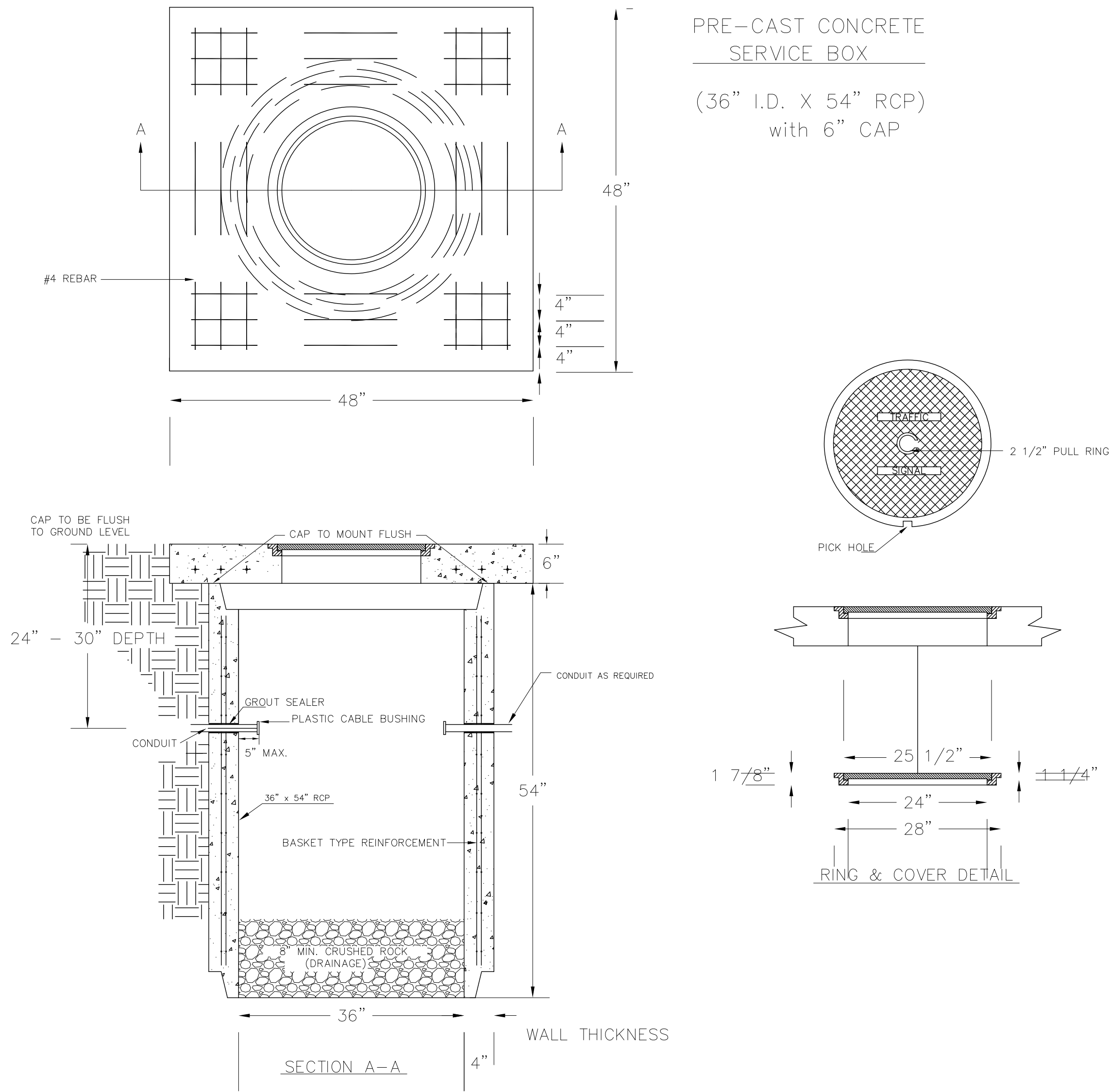
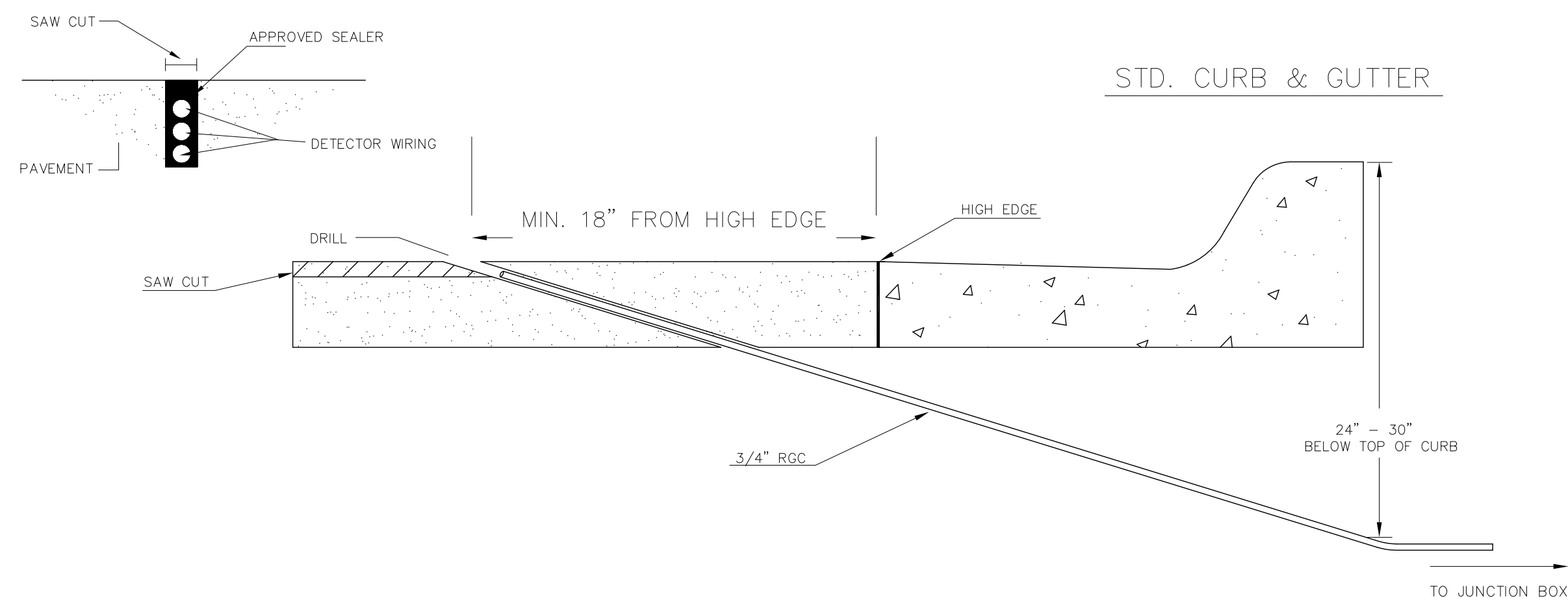


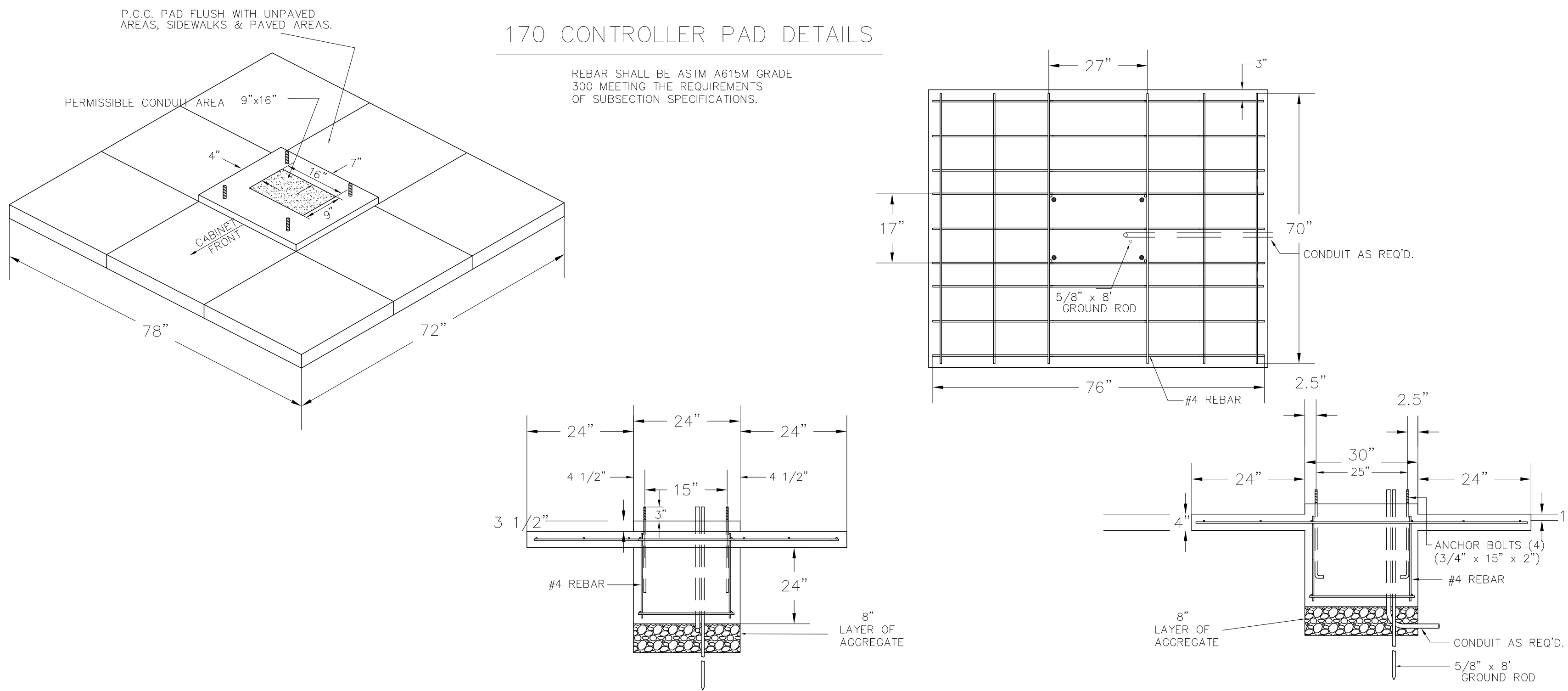
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



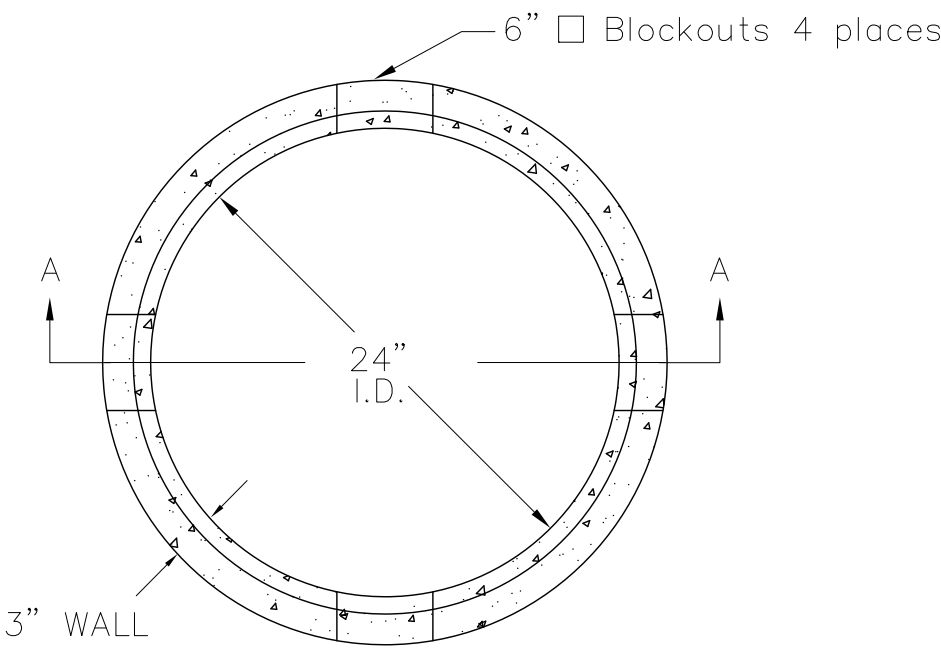
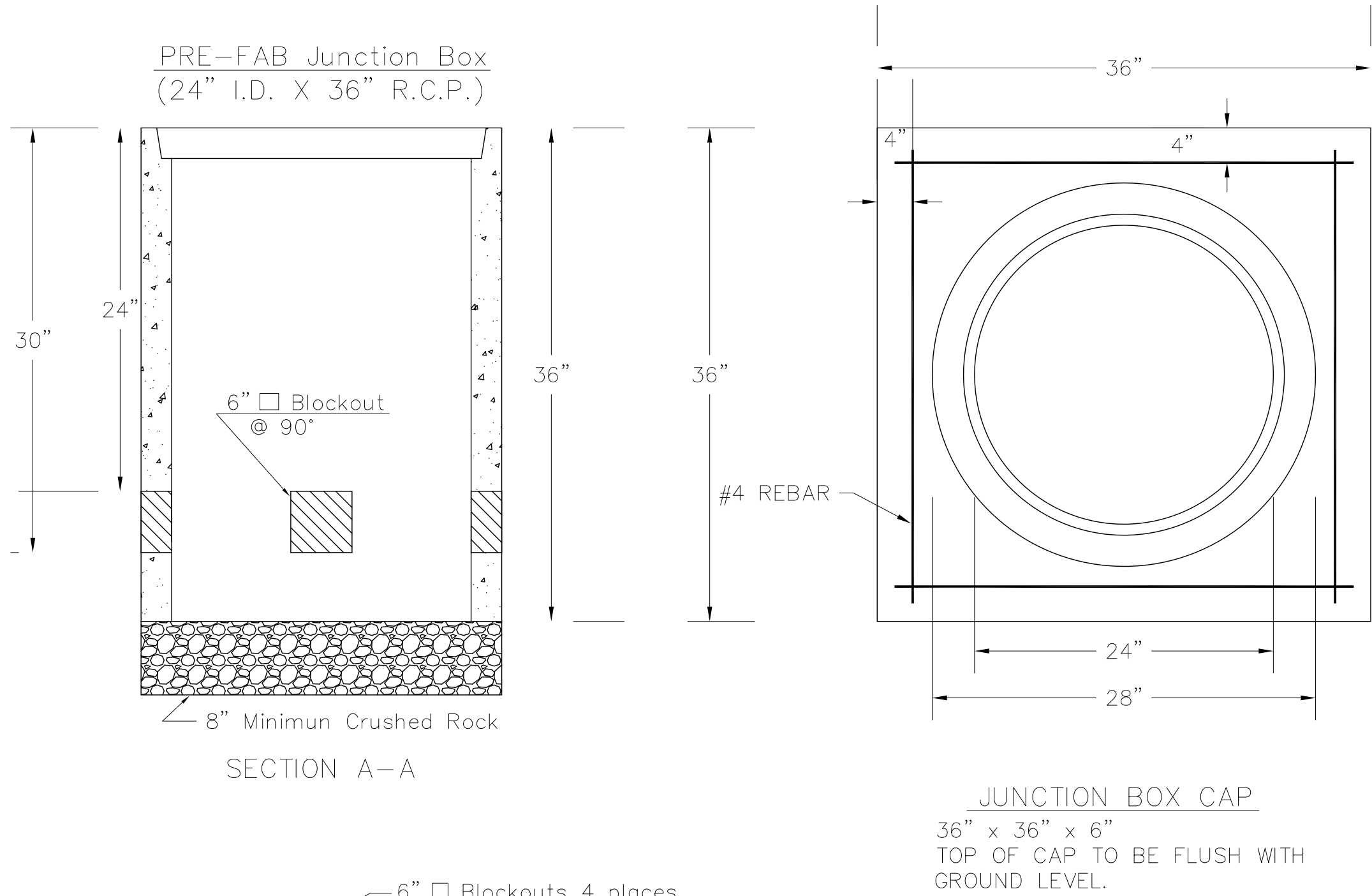
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



170 CONTROLLER PAD DETAILS



JUNCTION BOX DETAILS



SEE SERVICE BOX INSTALLATION FOR RING & COVER DETAILS.

NOTES:

SERVICE & JUNCTION BOX:

- CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL, CONDUIT TO DRAIN INTO SERVICE BOX.
- CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
- CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
- ALL SERVICE & JUNCTION BOXES TO HAVE 8" OF CRUSHED ROCK.

TRENCHING:

- DEPTH TO BE 30" MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
- BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.

CONDUIT:

- SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
- 3" RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
2" " " BTWN. SERVICE BOX AND POLE.
1 1/4" " " BTWN. SERVICE & JUNCTION BOXES.
3/4" " " BTWN. JUNCTION BOXES.
3/4" " " BTWN. JUNCTION BOX & DETECTOR LOOP SAW CUT

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

SERVICE/JUNCTION BOX,
CONTROLLER PAD
CONSTRUCTION/INSTALLATION

TRAFFIC ENGINEER
PAUL GUNZELMAN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
		08/2012

CITY ENGINEER'S OFFICE
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SHEET